

**Monthly Divisional Report**  
*New Jersey State Highway Department*  
April 1959

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1959-04  
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## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Accounting &amp; Administrative Services

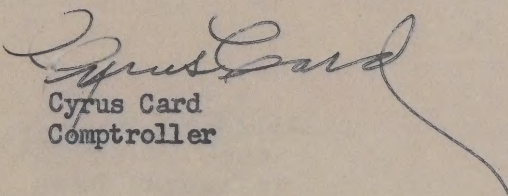
Bureau: Office of the Comptroller &  
Bureau of Auditing & Accounting

In connection with the Automotive Safety Foundation survey, the Comptroller attended weekly Task Force Committee meetings with Mr. J. F. Andrews presiding as Chairman.

In the Bureau of Auditing & Accounting, the Hourly Labor Payroll registers and checks were converted to I.B.M. Equipment beginning with the payroll period ending April 17th. Signatures are imprinted on the checks by a Moore Imprinting Bursting Machine.

Warrants were drawn for 178 County and Municipal Aid payments amounting to \$1,659,787.19; funds were certified on Contracts, Price Agreements, Transfer forms, 1959 Applications and Agreements for Municipal Aid Construction Funds.

Approximately 3380 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll.

  
Cyrus Card  
Comptroller

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MONTHLY DIVISIONAL REPORT

Month of April

1959

Division: Accounting & Administrative Services

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, Checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2936 checks for the month. Total of payrolls for the month \$464,323.42. Signed as Head Paymaster the above mentioned checks.

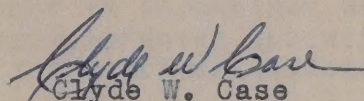
Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with accounts receivable.

Spent two (2) days in the field conferring with Highway Department employees regarding their retirement.

Correspondence regarding Hourly Basis Personnel.

Attended meeting at Labor Department office at which time payroll procedures, Retirement of employees and Social Security was discussed.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

  
Clyde W. Case  
Head Paymaster





## MONTHLY DIVISIONAL REPORT

Month of APRIL 19 59

Division: ACCOUNTING &amp; ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

MADE INSPECTION TRIP TO THE HADDONFIELD OFFICE FOR SURVEY OF FURNITURE, OFFICE EQUIPMENT AND TELEPHONE SERVICES. WORKED ON THE CLEARING-OUT OF THE BASEMENT CAGE IN ORDER TO MAKE ROOM FOR FOR THE INCREASING AMOUNT OF ENGINEERING SUPPLIES TO BE STORED BY THE BUREAU OF PURCHASE & STORES.

CONFERENCES WERE HELD WITH REPRESENTATIVE OF THE TELEPHONE COMPANY UPON WHICH WE WERE ASSURED THAT INSTALLATIONS OF SERVICE IN THE LABORATORY BUILDING WOULD BE TAKEN CARE OF AFTER MAY 1ST.

CONFERENCES WERE HELD WITH EWING TOWNSHIP CIVIL DEFENSE AUTHORITIES, STATE POLICE, AND REPRESENTATIVES OF THE MAINTENANCE & ELECTRICAL BUREAUS, RESULTING IN THE TEMPORARY INSTALLATION OF AN AIR-RAID SIREN ON THE ROOF OF THE HIGHWAY BUILDING.

FILES & RECORDS

THROUGH APPLICATION OF OUR RECORDS RETENTION SCHEDULE, WE WERE ABLE TO CLEAR OUT MATERIAL FROM THE FILES TO SUCH AN EXTENT THAT WE FURNISHED THE ELECTRICAL BUREAU WITH TWO FILING CABINETS AND TWO FILING CABINETS TO THE ACCOUNTING BUREAU, THUS OBTAINING THE PURCHASE OF NEW FILES.

APPLICATION WAS MADE TO THE STATE RECORDS COMMITTEE FOR DISPOSAL OF RECORDS IN THE BUREAU OF MAINTENANCE IN ACCORDANCE WITH THEIR RETENTION SCHEDULE. THIS APPLICATION HAS BEEN APPROVED AND WORK WILL START AS SOON AS POSSIBLE IN CLEARING OUT THE FILES OF UNNECESSARY RECORDS.

MAILING SECTION

\$3,315.00 WAS EXPENDED IN POSTAGE DURING THE MONTH. THIS IS AN UNUSUAL AMOUNT, THOUGH IF THE VOLUME OF MAIL CONTINUES TO INCREASE, IT WILL NO LONGER BE CONSIDERED UNUSUAL. WE PREPAID POSTAGE ON ENVELOPES FOR THE BUREAUS OF HOURLY PAYROLL, PLANNING & TRAFFIC, ELECTRICAL, EQUIPMENT, AND THE DIVISION OF STATE AID. THE MAILING SECTION SENT OUT MANY "NOTICES TO CONTRACTORS" FOR THE SECRETARY'S OFFICE. MANY NEWS RELEASES WERE SENT OUT FOR THE BUREAU OF PUBLIC RELATIONS, WHICH ACCOUNTS FOR THE EXTRA POSTAGE USED. MAP REQUESTS WERE ABOUT AVERAGE FOR THE MONTH. THE OFFICE WAS ALSO KEPT BUSY TAKING ROLLS OF PLANS TO THE BUREAU OF PUBLIC ROADS FOR APPROVAL.

DUPLICATING SECTION

THE ADDITION OF A REDUCING AND ENLARGING CAMERA FOR XEROGRAPHY HAS PROVEN TO BE AN IMPORTANT ADDITION TO THIS SECTION'S EQUIPMENT. SINCE OBTAINING THIS CAMERA WE COMPLETED SEVERAL ASSIGNMENTS WHICH WERE FORMERLY PRINTED BY OUTSIDE COMPANIES; THIS HAS RESULTED IN QUITE A SAVINGS BOTH IN TIME AND MONEY FOR THE DEPARTMENT.

WE ARE NOT IN OUR ANNUAL "RUSH" TO COMPLETE SPECIFICATIONS FOR CONSTRUCTION JOBS BEFORE THE JULY DEADLINE. THIS WILL PROBABLY RESULT IN THE WORKING OF OVERTIME. ALL OTHER PHASES OF OPERATION PROCEEDED ACCORDING TO SCHEDULE.







## MONTHLY DIVISIONAL REPORT

Month of APRIL,

1959

Division: Administration  
Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of April, 1959, were mostly of a routine nature.

Arrangements have been made that all future emergency purchases of items of miscellaneous materials and supplies not carried in stock at Fernwood, for the Public Information and Electrical Bureaus will be handled directly by the Bureau of Purchase and Stores instead of these Bureaus purchasing direct.

Bids received, tabulated and processed for sale of miscellaneous Scrap consisting of light and heavy cast iron and steel; scrap cast iron signs and sign posts; scrap cast aluminum consisting of signs, traffic lights, boxes, etc.; traffic lighting and street lighting poles. Disposal Request approved and material awarded and disposed of.

Check in the amount of \$493.59 in payment of 13.955 tons Cast Iron Signs and Sign Posts at \$35.37-net ton awarded to Harvey Cohen, Inc., Trenton, New Jersey, forwarded to Cyrus Card, Comptroller.

Check in the amount of \$90.00 from Giordano Waste Materials Company, Trenton, in payment of 5 Traffic Lighting and 5 Street Lighting Poles, forwarded to Cyrus Card, Comptroller.

Checks in the amount of \$1378.97 from C & R Waste Materials Company, Trenton, in payment of 4.665 tons Scrap Cast Aluminum, consisting of Signs, Traffic Lights, Boxes, etc., forwarded to Cyrus Card, Comptroller.

Miscellaneous Scrap Metal consisting of light and heavy cast iron and steel awarded to Harry Goldberg & Sons, Perth Amboy, New Jersey. Partial pickup has been made with balance to be picked up during the coming week.

Checks totaling \$1614.00 in payment of partial pickup of 1541 Drums by the American Cooperage and Steel Drum Company, Baltimore, Maryland, at various locations, forwarded to Cyrus Card, Comptroller. Pickups to be completed as quickly as possible.

Approval received from the State Purchasing Department for additional funds for Coal in accordance with the desires of the Bureau of Maintenance.

Interviewed 30 salesmen representing various concerns during the month and attended 16 meetings re departmental matters and purchases.

*Clifford Wear*

Clifford Wear

Supv., Purchase and Stores Bureau







## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Accounting &amp; Administrative Services

Bureau: Office of the Secretary

CONTRACTS

Bids received on sixteen (16) projects and necessary reports and certificates of awards prepared. Eight (8) contracts awarded; contracts prepared and forwarded for execution. Execution of four (4) contracts completed. Seventeen (17) projects advertised for bids. 301 sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Five (5) Schedules prepared listing a total of 350 items, which by a combination of items where possible represents action on 497 individual items. Official copies of Schedules signed by the Commissioner, placed in the Minute Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

49 Standard Specifications issued

5 Deposits made for transmittal of income

3 Traffic Regulations certified to the Director, Div. Motor Vehicles

71 Property Agreements attested and processed

24 Agreements attested and processed

111 Municipal Aid contracts, applications, agreements, transfers, etc. certified

2 Lease Agreements executed

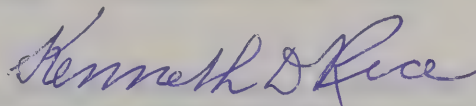
14 Releases executed

6 Equipment Rental Agreements executed

1 Deed of Conveyance acknowledged and attested

4000 (approximately) maps distributed

General correspondence, filing and answering telephone inquiries



Kenneth D. Rice  
Secretary





## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Bridge

Bureau: Bridges Under Construction

% COMPLETIONRt. US 1:

Sec. 1	Four Structures, Lawrence Twp., Mercer County	15
2	Culvert, Lawrence Twp., Mercer County	53
3	Two Bridges & Culvert, Plainsboro, Mercer County	32
4	Rail Repairs (6), Collard Ave. to Palisade Ave., Jersey City	2

Rt. US 1 & 9:

Sec. 1&2	Ramp Revisions, Jersey City, Hudson County	1
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Rt. S3:

Sec. 3D	Brs. at Broad Street & Bloomfield Ave., Clifton, Passaic Co.	99
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Rt. 4:

Sec. 4J	U.P. at Spring Valley Road, Paramus, Bergen Co.	100
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Rt. 17:

Sec. 7C	Midland Ave. O.P., Paramus, Bergen County	97
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Rt. 18:

Sec. 2	2 Overpasses, 2 Walls, New Brunswick, Middlesex Co.	11
4	Englishtown Road U.P., Madison Twp., Middlesex Co.	40

Rt. 21:

Sec. 1B	Six Structures, Belleville & Mutley, Essex Co.	83
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Rt. 26:

Sec. 4D-5C	Two Culverts, So. Brunswick Twp., Middlesex Co.	100
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Rt. 29:

Sec. 13E	Two Pedestrian Overpasses, Trenton, Mercer Co.	98
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Rt. 72:

Sec. 5E	Manahawkin Bay Bridge, Superstructure, Ocean County	99
5F	Manahawkin Bay Bridge, Three Trestles, Ocean County	98

Rt. 78:

Sec. 2E	5 Structures, Bloomsbury, Beth & Union Twp., Hunterdon Co.	20
2F	O.P. at CRR & LVRR, Bloomsbury & Bethlehem Twp., Hunterdon Co.	9

Rt. 101:

Sec. 2A	Seven Structures, Rockaway, Morris County	99
2C	Eight Structures, Wharton, Morris County	81
2D	Overpass at DL&WRR, Roxbury Twp., Morris County	60

Rt. 102:

Sec. 2B	Six Bridges, Greenwich Twp., Warren & Hunterdon Counties	93
2D	Six Bridges, Greenwich & Franklin Twp., Warren-Hunterdon Co.	96

Rt. 104:

Sec. 1A-2A	East & West Viaducts-Raritan River, Middlesex-Somerset Co.	41
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% COMPLETIONRt. 108:

Sec. 1B	Plant St. U.P. & Salem Canal Bridge, Salem County	86
2B	4 Bridges & Culvert, Haddon Hgts., Camden County	95
2C	U.P. at Penn-Reading SS Lines, Bellmawr, Camden Co.	97

Rt. 202:

Sec. 2	Two Structures, Branchburg Twp., Somerset Co.	94
3	Br. over N.Br. Raritan River, Branchburg, Somerset Co.	54

Rt. 208:

Sec. 2	Ewing Ave. O.P., Franklin Lakes, Bergen Co.	12
3	4 Structures, Hawthorne & Wyckoff, Passaic-Bergen Co.	65

Rt. 295:

Sec. 1C	9 Structures, Deptford & Westville, Camden-Gloucester Co.	1
	Scudders Falls Bridge (Substructure) over Delaware River	66
	Scudders Falls Bridge (Superstructure) over Delaware River (Waiting fabrication of structural steel)	0
	Aqueduct Bridge over Pequannock River, Lincoln Park, Morris Co.-PassiacCo.	75
	Washington Ave. Br. over Green Brook, Green Brook Twp., Somerset Co.	79
	Springfield Ave. Br. over Salt Creek, New Providence, Union Co.	65





## MONTHLY DIVISIONAL REPORT

Month of April

1959

Division: Bridge

Bureau: Design Section

Sheet No. 1

Rt. US 1: Underpass at Milltown Road:  
Sec. Reviewing plans prepared by Howard, Needles, Tammen & Bergendoff.

Rt. 4: Pedestrian Overpasses at Forest Ave. and N. Hackensack:  
Sec. Plans being prepared.

Rt. 4 Pkwy: Chestnut Avenue Ramp Culvert:  
Sec. Plans being prepared.

Rt. US 9: Cape May Canal Bridge:  
Sec. 2 Bids to be received May 13, 1959.

Rt. 10: Underpass at Salem Street:  
Sec. Plans being prepared.

Rt. 13: Lovelandtown Bridge (Sidewalks):  
Plans being prepared.

Rt. 15: Bakers Bridge over Green Pond Brook:  
Bids to be received May 20, 1959.

Rt. 17: Century Road Overpass:  
Plans being prepared.

Rt. 18: Overpass at Rt. US 9:  
Sec. 5 Reviewing plans prepared by Edwards & Kelcey.

Rt. 20: Interchange at Route 4:  
Reviewing plans prepared by Stelling, Lord-Wood & Van Suetendael.

Rt. 21: Ten Structures:  
Sec. 1C Reviewing plans prepared by Edwards & Kelcey.

Rt. US 22: Vaux Hall Road (Steps); Pedestrian O.P. at Fairway Ave.;  
Pedestrian O.P. at Mountainside School:  
Plans being prepared.

Rt. 35:  
Sec. Matawan Creek Bridge (Grid Floor-Bascule Span):  
Plans being prepared.  
Sec. LVRR Main Line & LVRR Spur Track at Convery Blvd:  
Plans being prepared.

Rt. 38: Widening 8 Structures:  
Sec. 2 Reviewing plans prepared by John G. Reutter, Consulting Engr.

Rt. 45: Woodbury Creek Bridge (Floor):  
Sec. 30 Awarded to Brann & Stuart, April 30, 1959

Rt. 46: Pedestrian Overpass, Hasbrouck Heights:  
Sec. Plans being prepared.

Rt. 52: Ocean City-Somers Point (Grid Floor-Ship Channel Bridge & Radio Mast):  
Plans being prepared.





Rt. 71:

Sec. 10 Culvert at Whale Pond Brook: Plans being prepared.  
Sec. 10B Culverts at Poplar Brook & Ocean Port Creek: Plans being prepared.  
Sec. Timber Bulkhead at Deal Lake: Plans being prepared.

Rt. 73: Rt. 73 over US130, US130 over Pennsauken Creek, Ramp A over Rt. 73:  
Plans being prepared.

Rt. 78: Six Bridges:

Sec. 2G Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 80:

Sec. 2G Pedestrian Bridge over Ramp K, Denville: Plans being prepared.  
Sec. 2E Ten Bridges: Sent to Public Roads on April 16, 1959.  
Sec. 4 Bergen-Passaic Expressway: Reviewing plans prepared by Fay, Spofford & Thorndike  
Sec. 5 Bergen-Passaic Expressway: Rev. plans prep. by Parsons, Brinckerhoff, Hall & MacDonald.  
Sec. 2J 4 Bridges: Reviewing plans prepared by Louis Berger & Associates.

Rt. 95: Overpasses at Broad Ave. and Grand Ave.:

Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 129: Seven Structures - Delaware River to Scotch Road:

Reviewing plans prepared by Michael Baker, Jr., Inc.

Rt. 168: Culvert at Sta. 112+50 - Black Horse Pike:

Sec. 1 Plans being prepared.

Rt. 169: Point Breeze to Constable Hook - Bridge over RR, Center St. Ramp, Navy Footbridge & Rt. 169 over RR:

Reviewing plans prepared by E. Lionel Pavlo.

Rt. 202: Bridges at S. Branch Raritan River, CRR of NJ, LVRR, Samuels Brook, Pleasant Run and Holland Brook:

Plans being prepared.

Rt. 208:

Sec. Pedestrian O.P. at Ethel Ave.: Plans being prepared.  
Sec. 4 Brs. at Grandview Ave., Cedar Hill Ave., Russell Ave., Summit Ave. & NYS&WRR:  
Plans being prepared.  
Sec. 4 Six Structures: Reviewing plans prepared by Goodkind & O'Dea

Rt. 287:

Sec. 23 Structures - Rt. 27 to Stelton Road:  
Reviewing plans prepared by Madigan-Hyland.  
Sec. 14 Structures - East of Stelton Road:  
Reviewing plans prepared by Madigan-Hyland.  
Sec. 4 12 Structures:  
Reviewing plans prepared by Goodkind & O'Dea  
Sec. 10&2B: 7 Structures: Sent to Public Roads for approval.

Rt. 295:

Sec. 1C 8 Bridges & Culvert: Bids rec'd 3/24/59. Awarded to Brann & Stuart, low bid.  
Sec. 1D 4 Bridges: Plans being prepared.  
Sec. 2E 7 Structures: Review plans prepared by Sherman, Taylor & Sleeper.  
Sec. 2F 6 Structures: Review plans prepared by Sherman, Taylor & Sleeper.

Rt. 322: Widening Six Structures:

Plans being prepared.

1. Prepared by: [illegible]  
2. Date: [illegible]  
3. Place: [illegible]

4. Title: [illegible]  
5. Subject: [illegible]

6. Author: [illegible]  
7. Editor: [illegible]

8. Publisher: [illegible]

9. Price: [illegible]

10. Distribution: [illegible]

11. Remarks: [illegible]

12. Notes: [illegible]

13. References: [illegible]

14. Index: [illegible]

15. Summary: [illegible]

16. Conclusion: [illegible]

17. Appendix: [illegible]



## MONTHLY DIVISIONAL REPORT

Month of April, 1959

Division: Maintenance and Operations

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Advertised two contracts, FAI Rt. 101, Netcong to Denville. Conduit, wiring and lighting layouts furnished Bridge Division, 3 bridges, FAI Rt. 80 and 2 bridges, FAI Rt. 95. Key sheet furnished by Consultants and submitted to Bureau of Public Roads, FAI Rts. 80 and 287.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridges, 900 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signal, sign equipment and drawbridge warning gates damaged and knocked down by traffic. Salvaged electrical equipment, Rt. 72 Manahawkin Bay Bridge. Group relamping, signals and street lighting. Painting signals along Rt. US1&9, Jersey City.

CONSTRUCTION

12 traffic signals under construction, 9 completed. Revisions at 8 existing signals, 7 completed. Changing series to multiple lighting, Rt. 52 Beach Thorofare Bridge, Ocean City and Rt. US1&9, Elizabeth Viaduct. Indication lights, 99% completed, Rt. 47 Grassy Sound Bridge.

DESIGN AND INSPECTION

17 signal approvals from Planning & Traffic. 4 new locations estimated. 8 locations completed with plans for underground in future roadway contract. Contract advertised, bids on May 13, 1959, traffic signal and lighting installations, 29 jug handles on Rt. US1, Middlesex and Mercer Counties. Inspection, 10 roadway contracts. Furnished to Bridge Division, conduit, wiring and lighting layouts, 1 proposed overpass. Preliminary road plans reviewed, conduit and junction box layouts, 2 locations.

NEGOTIATIONS

7 traffic signals under negotiation, 4 completed. 8 field inspections, with contacts with local officials on lighting.

CLAIMS

Payments of claims in the amount of \$7,481.21 received, 24 claims set up totaling \$5,284.47, all result of property damage accidents. 34 work orders set up resulting in claims, totaling \$14,158., 26 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 214 mobile units and 8 base stations. Completed wiring, 1 maintenance yard. Installing service and wiring, 1 maintenance yard. Radio transmission tests, Glen Gardner and Clinton Point.





## MONTHLY DIVISIONAL REPORT

Month of April

19 59.

Division: Maintenance and Operations

Bureau: Maintenance

BRIDGE SECTION

Completed culvert repairs at railroad overpass on Route 33 at Freehold, Branch of Stony Brook on Route 69 at Centerville, and Prescott Brook and Branch of Prescott Brook on Route 69 at Allerton; work on expansion plates over Depressed Roadway, Route 1, Jersey City, and Victory Bridge on Route 35 at Perth Amboy; driving of piles and replacing caps at Babcock Creek on Route 40 at Mays Landing; repairs to bulkhead at Ocean City Bridge on Route 52, and repairs to concrete deck on Branch of Morses Brook on Route 1 at Elizabeth. On April 22 J. I. Hass Company started work under its contract for painting a portion of the Pulaski Skyway, and Haller Testing Laboratories assigned personnel under their contract for inspection services.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately \$22,500.00, including intersection revisions at Routes 36 and 71 in West Long Branch, and island closings on Route 17 in Ridgewood. Completed institutional projects totaling approximately \$8,000.00, including bituminous concrete resurfacing at the Leonardo Marina and drainage work at Ancora State Hospital.

SNOW REMOVAL

Prepared and distributed attached Performance Rating report to be used by our personnel in evaluating the services rendered by snow removal contractors during the past winter. We have been informed by several of the contractors that they are not interested in future snow removal work under the presently existing rates. In order that we may get a true picture of the situation far in advance of the winter season, we will present in the near future our proposed contractor organizational setup for next winter.

PERMITS SECTION

Total of 312 applications processed, including 147 for road openings, 61 for erection of poles, 82 for entrances and 22 for miscellaneous projects.

LANDSCAPE SECTION

Completed tree removal and trimming work at Morven and State parking areas; State-wide Hydro-Fertilization program; reseeding of grassed areas damaged during the winter months; replacement of damaged plant stock; cover crop sowing on slopes on Route 27 in Metuchen and at south approach to Edison Bridge; hawthorn tree replacement on Blue Star Drive in White House, and rose replacement along the Absecon Boulevard in Atlantic City. On April 29 bids were received on State-wide roadside chemical spray treatment.

at railroad overpass on Route 33 at Fairfield, branch of  
at Fairfield, and railroad track and branch of Tresson  
on expansion places over railroad bridge,  
and Victory Bridge on Route 33 at Fairfield; repairs to  
at Jackson Creek on Route 33 at Fairfield; repairs to  
on Route 33, and repairs to concrete deck on bridge  
at Fairfield. On April 22 J. I. Hase, foreman started  
contract for painting a portion of the railroad bridge, and Miller  
assigned personnel under their contract for inspection services.

disturbance concrete resulting at the Leonardo  
State Hospital.

During the winter the services rendered by snow removal contractors during the  
winter. We have been informed by several of the contractors that they are  
not interested in future snow removal work under the presently existing rates. It  
will present in the near future our proposed contractor organization  
next winter.

312 applications processed, including 147 for road openings, 61 for  
poles, 88 for entrances and 22 for miscellaneous projects.

ion program; reseeding of grassed areas damaged during the  
placement of damaged plant stock; cover crop sowing on slopes on  
and at south approach to Nelson bridge; uniform tree re-  
planting in White House, and rose replacement along the Agasson  
on April 29 blue were received on state-wide roadside



MONTHLY DIVISIONAL REPORT

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Division: Maintenance and Operations

Bureau: Maintenance

SIGNS AND LINES SECTION

Erected new type Green Directionary signs on Route 22, North Branch to Clinton, and Circle Revision at Routes 36 and 71 in Eatontown; all types of signs on new construction projects at Eatontown Jughandle on Route 35, Midland Avenue Control on Route 17 at Paramus, and North Bergen Circle at the junction of Route 1-9 and Route 3, and delineators on the barrier curbs on Route 1, Penns Neck to Stouts Lane, and Motor Vehicle Inspection Station to Alexander Street.

MAINTENANCE BUILDINGS AND STRUCTURES

Drafting specifications for painting of 15 bridges by contract; coordinated with Bureau of Construction on plans and specifications on new maintenance building at Edgewater; completed conversion work of new field office for Right of Way and Roads, Location and Design at Metuchen, and continued liaison with Bureau of Construction on construction and design of Sand Hills installation.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected a total of eight completed construction projects preliminary to acceptance by Bureau of Maintenance. Five of these were found to be in satisfactory condition for acceptance, while three were found to require further work or corrective measures prior to acceptance.

MISCELLANEOUS

Two representatives of the Bureau made a one day air trip to Xenia, Ohio, on April 13 to inspect heavy duty striping equipment manufactured by the Kelly-Creswell Company for the State of Utah. Primary evaluation indicates that for an approximate cost of \$20,000.00 it might be well to further investigate having a custom rig built to New Jersey needs and requirements.





## Performance Rating

## Snow Removal

Name of Contractor

Snow Section

Location of Section

## Direction to Rater:

1. Place a check in the appropriate block opposite each factor in the left column.
2. Enter the numerical value in the space in the right column.
3. Total the rating and divide by six to determine the average numerical rating.

POOR	FAIR	GOOD	VERY GOOD
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## QUALITY OF WORK

0	1	2	3

Give special attention to such items as neatness and the amount of follow-up and supervision needed to obtain desired results.

## QUANTITY OF WORK

0	1	2	3

Give careful consideration to such items as efficiency in moving snow as to depth and width, within a reasonable period of time.

PROMPTNESS IN  
REPORTING

0	1	2	3

Give special attention to such items as the elapsed time from the alert until trucks are ready to roll. Also, after rolling, the time taken to reach starting location.

COOPERATION WITH  
DEPARTMENT FORCES

0	1	2	3

Give careful consideration to degree of cooperation and kind of relationship with Department personnel, attitudes toward direction and instruction given by supervising authorities.

CARE OF DEPARTMENT  
EQUIPMENT

0	1	2	3

Consider especially the degree of care used in operating trucks, plows, and other equipment owned by the Department furnished to Contractor.

CONSIDERATION TO  
FLOW OF TRAFFIC

0	1	2	3

Give special consideration to the ability and willingness of the Contractor to carry on his operations in such a manner as to cause the least interference to the free flow of traffic.

TOTAL NUMERICAL RATING

AVERAGE NUMERICAL RATING





## MONTHLY DIVISIONAL REPORT

Month of April 1959

Division: Maintenance &amp; Operation

Bureau: of Plant &amp; Equipment

NEW EQUIPMENT

The following new equipment was received during the month: 12 Dodge 1½-ton stake body trucks; 26 Ford F600 2-ton dump trucks; 2 International R202A dump trucks; 1 International R202A chassis and cab; 32 International ½-ton pickup trucks; 15 John Deere tractor mowers; 2 wooden row boats and 2 Kent-Moore brake fluid dispensers.

SNOW PLOW SECTION

In the Snow Plow Section 5 new trucks were equipped with snow plow equipment. The following equipment was repaired: 6 snow plows; 10 4-U spreaders; 3 trip springs; 25 pumps and 25 rams. Snow plow equipment and safety tail-gates were removed from 77 Department trucks and 7 trucks were stripped for trade-in.

GENERAL REPAIR SHOP

A total of 50 cars and trucks, also other equipment have been repaired and assembled, together with other major operations completed in the car and truck shop. A total of 132 jobs were completed in the Carburetor and Ignition Shop. Tail lights and headlights and safety lights were repaired and installed on 62 pieces of equipment. The Mower Shop repaired and serviced 86 tractors and 8 sets of Ranger reels.

The Machine Shop completed 266 major and minor jobs during the month. The Heavy Equipment Shop completed 21 major jobs in the shop and on the road. The Carpenter and Inspection Shops were constantly active with regular assignments. The Diesel Shop completed 66 service and major jobs during the month in the shop and on the road.

BUILDING MAINTENANCE SECTION

The following work was accomplished by this Section at Fernwood Service Station: painted outside Bldg. #2, (2 coats); removed, repaired and painted storm windows from Bldg. #10; laid and coated wooden block flooring in shop area of Bldg. #7; cleaned drains in Bldg. #8. In preparation of renovation of stock room, Bldg. #1, radiators and air lines were removed. Plumbing work was done in Bldgs. #2 & 7.

At Flemington Garage, windows, trim and overhead doors were repaired and painted. Heater units and controls were removed from Clinton Point and Avenel Garages. Fire extinguishers were repaired and refilled at Avenel Garage and Bldgs. #17, #18, #20 and #38, Fernwood. A new screen partition was installed in stock room at Newark Garage.





## MONTHLY DIVISIONAL REPORT

Month of April

1959

Division: PERSONNEL

Bureau:

RECRUITMENT AND TRAINING

Formal offers of employment have been made to 25 young men interviewed on campus who later visited us here at the Trenton office for an additional interview. Acceptances have been received from nine of these men and rejection of our offers from nine. The remaining seven have still not indicated acceptance or refusal. We have our goal set at about 12 or 15 men. One situation which has made our recruitment efforts a little difficult is the tight vacancy situation and the fact that until the Appropriations Bill has been approved and signed we have no definite assurance of the number of new jobs which will be available after July 1.

During the month of April three training conferences were held throughout the State devoted to a discussion of the use of asphaltic materials in the construction of flexible type pavements. The program at each conference followed an agenda and included lectures with slide illustrations and appropriate motion pictures. Each phase included a discussion period. The conferences were held in three areas of the State and as many of our field engineers and engineering technicians as could be spared from operations were invited to attend. The locations and attendance were as follows:

Monday, April 20, 1959 - Orange, N. J.  
Attendance - 76

Thursday, April 23, 1959 - Trenton, N. J.  
Attendance - 80

Friday, April 24, 1959 - Moorestown, N. J.  
Attendance - 56

The conferences seemed to be well received and individual comments indicated they were a real benefit. The approach, of course, was broad in scope and the discussion periods pointed out the need for further meetings along more specific lines. For example, employees in the Road Maintenance Bureau are specifically interested in flexible pavement failure and repair and in methods of routine and preventive maintenance. It is proposed to develop further training along these lines for maintenance personnel. A similar program will be worked out aimed at the specific problems of the State Aid Division.

SAFETY, PLANT SECURITY AND DISPENSARY

Safety - Efforts have proved fruitful for a concentrated effort made towards developing safe working conditions on contractors projects. One of the non-conforming contractor's estimates for the job is being held up until such





time that complete adherence to safety rules and general safe practices is complied with by the contractor in question.

With regard to the internal safety program, our inspectors in the field are doing a good job in advocating safety in all field personnel. Supervisory equipment is being checked regularly to insure that brakes, lights, and steering gear are in good working order. Overloading of equipment is checked upon regularly and the wearing and use of proper safety gear on the job also is being observed.

The supervisory personnel in the field are urged to forward through proper channels immediately any accident reports and sickleave forms so that there will be no delay in processing these forms.

Plant Security - This unit is improving daily in its performance. It has been noted that the personnel now employed in Plant Security have improved considerably insofar as their conduct and sincerity of purpose are concerned.

Dispensary - We have started work on a tuberculosis detection program for all personnel of the main office building as well as the personnel of the Fernwood Service Station group. This program is being conducted by the State Department of Health without charge to the Highway Department or the employees. The nurse and the dispensary facilities, however, will be placed at the disposal of the team representing the State Department of Health.







IN REPLY PLEASE REFER TO

Monthly Reports  
Division of Planning,  
Research, Soils and  
Tests

State of New Jersey  
STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER  
TRENTON 25

May 1st, 1959

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this  
Division for the month of April 1959.

Planning & Traffic  
Harry A. Hartmann  
Assistant Supervising Engineer

Engineering Research  
William VanBreemen  
Research Engineer

Soils  
Keith Rosser, Jr.  
Assistant District Engineer

Testing Laboratory  
J. C. Reed  
Supervising Engineer

*Neil MacDougall*

Neil MacDougall  
Director and Chief Engineer  
Division Planning, Research, Soils and Tests





## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

Road Reinventory

The Road Reinventory study has been included as an item in our present work program, we must report no progress due to priorities of other assignments and the lack of available personnel.

"500" Series County Road Numbers

This Bureau met on April 3, 1959 with County Engineers Wagner, Keppler and Ackerman, to review the descriptions and maps prepared by this Bureau and sent to Mr. Wagner for review and approval. Certain changes by the committee of County Engineers on this matter are to be made and upon receipt of further data from Mr. Wagner, corrections will be made before releasing copy of these descriptions and maps.

Road Life

Preliminary work on the preparation of the 1958 State Mileage Reports are underway.

Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were underway.

Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

National Defense Bridge Study

Data is being assembled for listing of bridges on designated defense routes on State Highways, the New Jersey Turnpike and the Garden State Parkway.

Newark Area Transportation Study

Review of text of report discloses some changes necessary before reproduction Table of Contents is being varityped.

Penn-Jersey Transportation Study

On April 1 a subcommittee meeting of the Technical Committee was called for the purpose of revising the limits for the preparation of Planimetric Mapping for the Study.





## Planning, Research, Soils and Tests

### Planning and Traffic

On April 8, a combined meeting of the Executive and Policy Committees was held. Mr. Fagin was appointed as Executive Director at this meeting and he outlined the major phases of work he plans to conduct. The same date the Sub-Committee for the Civic Advisory Committee met and recommended certain civic organizations be represented on this committee, in order to advise the public on matters pertaining to the Study.

The same date the Technical Committee met and decided to review the cordon line, contact the counties, and work in conjunction with the Executive Director.

On April 14, Mr. Berberich with Mr. Schmitt of the Bureau of Public Roads started a field review of the Cordon Line in Gloucester, Camden and Burlington Counties. On April 16, this field review was continued in Burlington and Mercer Counties. A map was prepared showing the Cordon Line as a result of the field review and this Cordon Line was reviewed with Messrs. Richards and Baum of Gloucester County and Messrs. Cattell and Tomaselli of Camden County on April 30.

## HIGHWAY USE SURVEY SECTION

### Field

In addition to the regular programmed Machine and Manual traffic counts the annual speed check at 11 stations were completed this month.

### Office

The normal office functions of processing field traffic counts were completed this month.

## TRAFFIC DESIGN AND RESEARCH SECTION

During this month the office work time of the Section was about evenly divided between research into various aspects of traffic signal timing; and the review and estimation of traffic volumes for new construction. Some field research work on behavior at traffic signals was initiated during this period.

## HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals, has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

## TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

The assignments under way by this Section consisted of operating radar speed meter for speed zone studies; laying out and processing no passing zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications. Also prepared charts based on accident data.

6. 1. 1994

Speed check at 11 stations were completed this month.

DESIGN AND RESEARCH SECTION



## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Planning, Research, Soils and Tests  
Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, developed and recommended pavement designs for intersection revisions at (a) Route 1 and Plainfield Ave., and (b) Route 1 and Milltown Road. Also reviewed proposed pavement designs, and conferred with representative of Joint Toll Bridge Commission, for work planned on Route 22, Phillipsburg.

Took additional measurements, and reported changes in width recorded at cracks in bituminous pavement on Palisades Interstate Parkway.

With cooperation of Maintenance Bureau, dug out shoulder adjacent to 81 expansion joints in experimental concrete pavements on Route 130, vicinity of Deans--to determine whether the "growth" recorded has caused damage. Subsurface rupturing, to a minor degree, was found at only two joints. Measurements will be taken periodically, as the weather becomes warmer, to determine whether the creation of additional expansion is warranted.

Took measurements at experimental joints on various routes. Also photographed and made condition survey of about 70 experimental joints installed in 1932 on Route 1, Penns Neck to Adams Station, in view of resurfacing planned in this area.

BRIDGES

Took measurements on the following bridges: (a) Cheesequake Creek, Route 35, Morgan, (b) Shark River, Route 71, Belmar, (c) Inland Waterway, Route 88, Point Pleasant, (d) Inland Waterway, Lovelandtown, and (e) Beach Thoroughfare, Route 30, Atlantic City. Expansion difficulties have been experienced with these bridges. Our measurements show that at Lovelandtown, due to unstable foundation conditions, there has been a progressive loss of about one inch in the distance across the drawspan during the past four years.

MISCELLANEOUS

On April 23 and 24, a representative of the Bureau inspected the AASHO Road Test. Significant observations were: 1. Only 98,000 axle loads had thus far been applied (40% of originally scheduled). 2. Traffic in all loops had been shut down since April 17, because many of the thinner flexible (bituminous) sections had failed during the spring thaw, and needed repair or replacement. Practically all of the concrete sections, on the other hand, were still in first-class condition--only 8 cracks having thus far been recorded on the entire project. 3. Although the ultimate behavior of the test sections obviously remains to be seen, it appears quite evident even as of now that under the conditions of (a) a poor subgrade, (b) cold-weather, and (c) heavy loads, a relatively thin flexible pavement is much less capable of resisting the unstabilizing effects of freezing and thawing than is a concrete pavement of equivalent thickness.





## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

SUBSURFACE EXPLORATION

A total of thirty-seven (37) machine borings were made by our own forces on eleven (11) different routes throughout the State. Eighty-eight (88) hand borings were made on four (4) routes.

A contract for determining subsoil conditions, depth to rock and its condition in cut areas by the seismic method was performed on Interstate Route 78 from Pluckemin to Berkeley Heights.

The work was done by Lockwood, Kessler and Bartlett, Inc. for the Consultant DeLeuw, Cather and Brill.

ENGINEERING

The proposed maximum embankment typical section anticipated in the Overpeck Park area of Interstate Route 95 was reviewed as to its stability, total settlement and time-rate of settlement with sand drains. The project, being designed by Parsons, Brinckerhoff, Hall and MacDonald, crosses approximately 1.8 miles of the Overpeck Creek Swamp area which ranges up to 100' in depth.

CONSTRUCTION

All construction projects are now active.

A point of interest has arisen in the use of bank-run pits for subbase when they contain shale which breaks up under compaction and/or the Wet-Dry, Freeze-Thaw tests.

The Franklin Contracting Co. would like to use such a source on the Rt. 202, Sec. 2 Beachwood Drive to Huyler Rd. project.

The laboratory results have led us to believe that the breakdown may not be excessive for use under a rigid pavement, if the gradation requirements are met immediately prior to paving. It was therefor our recommendation to the Resident Engineer that the Contractor be allowed to use the material, since the job consists primarily of concrete pavement widening.

While our research bureau contends that the best concrete pavement in New Jersey is resting on material from this same source and others recall having a great deal of trouble with it during the construction of other routes, it remains a matter of conjecture as it is not known whether or not the character of the pit has remained constant.

If the Construction Division concurs in our recommendation, it will afford us the opportunity of testing and observing the break-down of the larger particles during actual construction and thereby put us in a better position to make a practical decision concerning the further use of such materials.





## MONTHLY DIVISIONAL REPORT

Month of April

19 59.

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

The following samples of material were received for quality tests: One Fine Aggregate, five Washed Gravels, two Blast Furnace Slags, two Ledge Rocks, one Stone Dust, one Bituminous Sand and one Limestone Dust for Mineral Filler.

MATERIALS' DEVELOPMENT

Samples of Screenings and Broken Stone were tested from a recrushing and screening operation where the contractor is purchasing large sizes of broken stone and reducing it to sizes suitable for bituminous paving. Tests were performed and mix formulae prepared for Bituminous Stabilized Base Course for four projects. A sample of White Pigmented Curing Material containing Silicone has been received in an effort to combine a waterproofing agent for concrete pavements and bridge decks, incorporated in normal curing membranes.

PERFORMANCE TESTING AND INSPECTION

The performance of two new Cedar Rapids bituminous pavers using vibratory screed instead of tapping bars was observed on the Route 1 Reconstruction. The Eleventh Monthly Evaluation Readings were made on the Experimental Traffic Paint Lines at Elm and the Tenth Monthly Readings were made on those at Kresson. A recently developed test for the cement content in plastic concrete is now being tried experimentally by the Laboratory with promising results to date. If this test continues to give reliable results, it is planned to spot-check concrete suppliers by bringing samples of wet concrete into the Laboratory and extracting and computing the cement content. Requests were received for inspection of two concrete block plants, one concrete sand plant, one bituminous sand plant, two concrete batching plants three bituminous concrete plants and the calibration of five distributors.

MEETINGS AND CONFERENCES

The personnel of this Bureau participated in and attended the recent series of meetings conducted by the Division of Personnel on the subject of Bituminous Pavement Construction.

SAMPLES RECEIVED

During this month, 1819 samples were received compared to 1899 samples received for the corresponding month of last year.





## MONTHLY DIVISIONAL REPORT

Month of April

1959

Division: RIGHT OF WAY ACQUISITION &amp; TITLES

Bureau: Appraisals &amp; Negotiations

The Division of Roads transmitted agreement forms covering 219 parcels, of which 30 were revisions.

GENERAL PROPERTY PARCEL MAP

7 General Property Parcel Maps were approved as follows:

Route 80, Sec. 2

Route 46 at Netcong to East Side of Landing Road. Negotiations authorized, set up \$3500.00

Route U.S. 206, Sec. 2

Netcong to Bartley. Negotiations authorized, set up \$28000.00

Route 15 (1953), Sec. 1

Bridge over Burnt Meadow Brook. Negotiations authorized, set up \$1500.00

Route 37, Secs. 1 & 2

Route 35 (1953), Point Pleasant to Seaside Heights (Drainage improvements). 4 sheets approved. Negotiations authorized, set up \$2500.00

Route U.S. 9 (1953), Sec. 3

Route 72 to Route 70. 2 sheets approved. Negotiations authorized, set up \$4000.00

Route 17, Sec. 6

Hasbrouck Heights to Route 4. Negotiations authorized, set up \$35000.00

Route FAI 101-2-(6)

Union Turnpike Wharton to Mt. Hope-Rockaway Road. Sheets 1 and 2 and negotiations authorized, in name of Central Railroad of New Jersey. No set up required.

ESTIMATES FURNISHED TO ROAD DIVISION

Two estimates were furnished to the Bureau of Roads as follows:

Route FAI 102 from Baltusrel Road to Springfield Avenue  
Route FAI 104-(3), also known as 287-(3), Boonton

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 163 items were presented to the Commissioner for action, including:

107	Agreements
22	Condemnations
1	Action rescinding acquiring 1 1/4 miles of abandoned Railroad right of way
2	Deeds of conveyance
1	Sale of X Parcel authorized
1	Accept title subject to grants to New Jersey Power and Light
2	Authority to pay consideration
11	Invoices from New Jersey Power and Light Company approved for \$39,367.54
4	Proposals that the searches by Title Companies approved
12	Buildings sold at public auction



## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: RIGHT OF WAY ACQUISITION &amp; TITLES

Bureau: Appraisals &amp; Negotiations

APPRAISALS MADE FOR OTHER DEPARTMENTS

- 1 Appraisal was made for the Division of Fish and Game on the property of Mauricetown Gunning Club, Maurice River Township, Cumberland County.

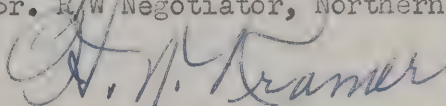
APPRAISAL ORDERS APPROVED

- 62 Orders were approved with outside fee appraisers for a total of \$28,220.00.

PERSONNEL

The following personnel changes were made during the month of April.

James H. Haynes	Demoted to R/W Negotiator
Raymond Gardner	Demoted to R/W Investigator
Pasquale Loiacano	Demoted to R/W Investigator
Ralph Sewell	Laid Off
A.J. Bontempo	Laid Off
E.A. Klug	Laid Off
Michael Currano	Laid Off
R.A. Schoeler	Demoted to R/W Investigator
Herbert Kruger	Demoted to R/W Investigator
I.D. Quade	Appointed R/W Negotiator, Central District
Nicholas Drugac	Appointed R/W Negotiator, Northern District
Jay J. Toplitt	Appointed R/W Negotiator, Northern District
Harry Levine	Appointed R/W Negotiator, Metropolitan District
Joseph Neola	Appointed Sr. R/W Negotiator, Northern District

  
H. N. Kramer

MB:pb





## MONTHLY DIVISIONAL REPORT

Month of April 19 59

Division: Right of Way Acquisitions & Titles  
 Bureau: Legal

## I. STATISTICAL

## Papers drawn in April

Condemnation

Complaints - 14  
 Orders to Show Cause - 14  
 Orders of Continuance - 4  
 Orders for Judgment and Appointing Commissioners - 14  
 Orders Amending Orders to Show Cause - 2  
 Orders Amending Orders Appointing Commissioners - 3  
 Orders Extending Time for Filing Report - 13  
 Orders Granting Compensation to Commissioners - 3  
 Orders of Dismissal - 3  
 Amendment to Complaint - 1  
 Reports of Commissioners - 4  
 Notice of Motion for Dismissal - 1  
 Notice of Appeal - 1  
 Order on Appeal - 1

Number of Deeds Approved - 80  
 Number of Titles Approved - 92

Court Appearances - 26

## II. GENERAL ACTIVITIES

Conferences with Attorney General and various Deputy Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

Increased condemnation work. The impact of the Federal Road Program is being felt in this Division. All phases of condemnation work is increasing.. Up to April 30th this year we started as many condemnation cases as we did up to October 24th of last year. Continuing increases are expected.

## III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.





MONTHLY DIVISIONAL REPORT

Month of April

19 59.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

106 searches and 110 condemnation searches were completed throughout the State.

TITLE EXAMINING

65 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

95 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

92 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

81 final settlements were made with property owners.

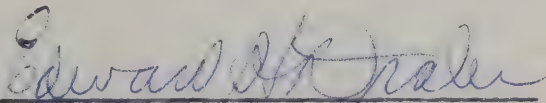
CONDEMNATIONS

29 Title Memorandums were prepared and forwarded to the Department of Law. 46 condemnation notices were served.

TITLE COMPANIES

29 deeds were delivered through the offices of title companies.

23 checks were delivered to title companies with instructions for settlement with the owners.

  
Edward H. Drake  
Title Officer



IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

Attending additional hearings before the Civil Service Commission in the Pfitzinger matter.

WJM/mmd





## MONTHLY DIVISIONAL REPORT

Month of April

1959

Division: Roads, Location and Design

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

Phillipsburg-Belvidere Road, Warren County, S228(2)  
Moonachie Avenue, Bergen County, S236(1)

PREPARING SPECIFICATIONS

Phillipsburg-Belvidere Road, Warren County, S228(2)  
Moonachie Avenue, Bergen County, S236(1)

PROJECTS ADVERTISED

South Pemberton Road, Burlington County, S208(2)  
Quinton-Elmer Road, Salem County, S50(5)  
Bridgeton-Port Norris Road, Cumberland County, S191(4)

BIDS RECEIVED

Hopewell-Woodsville Road, Hunterdon & Mercer Counties, S43(2)  
Quinton-Elmer Road, Salem County, S50(5)  
South Pemberton Road, Burlington County, S208(2)  
Morristown-Whippany Road, Morris County, S122(2)

CONTRACTS AWARDED

Hopewell-Woodsville Road, Hunterdon and Mercer Counties, S43(2)

MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking As Built Plans for Final Payments, preparing agreements between State and County for Federal Aid Secondary Projects and preparing Final Estimates, etc. on completed projects. Also preparing Final Vouchers on completed projects, and making Final Inspections, etc.. Received Final Payment from Federal Government on one F.A.S. Project.





## MONTHLY DIVISIONAL REPORT

Month of April

19 59

Division: Roads, Design &amp; Construction

Bureau: Location &amp; Design

FEDERAL AID

Programming of NJ-I-80-2(18)35-Rt. I-80 Ramps at Mt. Hope Dover Road Rockaway Twp., pedestrian overpass over Ramp K, Denville Twp.; UG-131(15)-Route US-46, D.L.&W.R.R. spur track, Totowa; U-92(17) Rt. 23, Bridge over Peckman Brook; F-1(4)-Route US-40 from Delaware Memorial Bridge to Route 48; F-203(5)-Route 129 from Scotch Road east to Federal City Road; F-203(6)-Route 129 from Federal City Road east to Route US-1; HPS-1(18)-Highway Planning Survey; NJ-I-78-2(17)-Mulhockaway Creek to Rt. US-22.

OFFICE ENGINEER

Processing Plans and Specifications for Route 3 (1953) Sec. 1, resurfacing E & W of Hackensack River Bridge; Route 4(Pkwy), Sec. 9N, Ramp from Parkway to Chestnut St.; Route 20 (1953), Sec. 1, Moonachie Rd. Int.; Route U.S. 40 (1953), Sec. 1, Decatur Ave. Drainage; Route 169, Sec. 1, Bayonne; Route 80, Sec. 4A, Passaic River Bridge Approaches; Route 21, Sec. 1C, Highfield Lane to S. Parkway; Route 287, Secs. 1C & 2B, Weston Canal Road to and including River Road Interchange; Route 129, Sec. 1A & Route 29, Sec. 15A, Delaware River Bridge to Scotch Road. Jobs Advertised: Route 80S, Sec. 1 and Route 295, Sec. 2D; Route U.S. 9, 35, 47 and 88 - Drainage Improvement; Route 15, Sec. 1, Burnt Brook Br. & Approaches; Route U.S. 9 Section 2, Cape May Canal Bridge & Approaches.

Interstate

Route I-80, Sec. 1, Columbia to Netcong (FAI-101-1), selection of route surveys under preparation, three basic lines selected and estimates being prepared.; Route I-80-3 (FAI-101-3) Denville to Wayne, selection of line studies 70% completed. Air photography completed for studying route feasibilities; Route I-80-4 (FAI-101-4) Wayne to Garden State Parkway. Preparation of design contracts progressing, 74% complete; Route I-80, Sec. 5 (FAI-101-5) Garden State Parkway to Geo. Washington Bridge, preparation of design plans progressing together with ROW Plans - 38% complete. Preparing first construction contract for Aug. 1st; Route I-95, Sec. 1 (FAI-103) Route I-80 to Route 46 in Ridgefield Boro. Study made for feasible alignment through Bergen County Park grounds together with interchange of I-80 and I-95; Route I-78 (FAI-102-5) Berkeley Heights to Springfield. Preparation of design plans started. Route I-287 Sec. 3 (FAI-104) Parsippany to Montville, design plans underway 30% complete. First contract to be completed about Oct. 1st; Route I-280 (FAI-105) Montville to Newark - Public hearing from Newark to West Orange held March 31st, data received under study by Bureau of Public Roads.



Monthly Divisional Report

April-1959

MISCELLANEOUS

Route 3, Sec. 2, Secaucus - Studies of bridge crossing 80% complete. Preparing for public hearing; Route 24 Freeway - Springfield to Morristown. Studies for feasible line under preparation. Air photography completed. Project 15% complete; Route 208, Sec. 4, Franklin Lakes to Oakland - preparation of contract plans 96% complete; Route 208 - Program Item - Franklin Lake and Wyckoff plans of four interchanges at existing roads 72% complete; Route 20, Sec. 4 - Program Item - Paterson at Route 4 - plans of revision of intersection revision 35% complete.; Public Hearing held April 9, 1959 at Moorestown covering three projects:

1. Route 38 Church Road to Marter Avenue
2. Route 73 Route U.S. 130 to Kings Highway.
3. Interchange at Route U.S. 130 & 73 and Haddonfield Road separation.





## MONTHLY DIVISIONAL REPORT

Month of April 19 59

Division: Design &amp; Construction

Bureau: Road Construction

LINE	SECTION (1953) (1927)	LOCATION	PERCENTAGE COMPLETED	
			Apr. 1st.	4-1-59
1-1-2	1-2-2	Bay View Circle, Grading, Paving and Bridges, Newark	0%	0%
1-1-2	1-2-3	Dualization of Traffic Circle at Route 3	91%	93%
20-3	3-1-1	Brooks Ave. to Broadway; Island Closing	16%	22%
30-3	3-2-3	Grove Street to Passaic Avenue	80%	88%
3-4-6	6-7-1	Westminster Circle to Burton Avenue	35%	45%
3-4-6	6-8-0	Union Blvd. to Valley Road, Widening & Resurfacing	0%	0%
20-3	3-1-1, 2-1	Whippany to Morchousetown; Widening & Turnarounds	99%	100%
10-3	4-3-3	Rt. 52 to Salem St., Paving, Widng., Resurf. & Shldr. Recon.	94%	100%
17-3	7-0-0	Underpass at Midland Avenue	82%	88%
18-3	2-0-0	Clifton Avenue to New Jersey Turnpike	0%	0%
18-3	3-0-0	Pine Street to 800' E. of Spring Valley Road	26%	31%
18-3	4-0-0	Old Bridge Circle to Pine Street	30%	34%
21-3	1-3-3	Roosevelt Avenue to High Field Lane	46%	49%
23-3	15-1-1	Steenykill Lake to Clove Road	3%	3%
33-1	26-2	Alexander Road to State Police Barracks	9%	12%
33-1	25-2	Construction of Turnarounds, Twps. Woodbridge & Middlesex	37%	56%
33-1	26-1	Lake Drive to N.J. Motor Vehicle Inspection Station	3%	3%
33-1	26-2	Alexander Road to Motor Vehicle Station	11%	20%
33-1	26-3	State Police Barracks to Stouts Lane	33%	50%
33-1	26-4	Stout's Lane to Cozzens Lane	34%	44%
33-1	26-5	Cozzens Lane to Penn. Railroad Bridge	44%	74%
33-1	26-6	Center Island Closing & Turnarounds	18%	40%
33-1	26-7	Albemarle Street to Plainfield Avenue	71%	76%
33-1	26-8	Old Bridge-New Brunswick Turnp. to N. Amherst St., Etc.	51%	57%
33-1	26-9	Vicinity of Glenside Ave., Scotch Plains Twp. (Drainage)	97%	99%
33-1	26-10	Taunton Rd. to Wollington Ave., Wid. & Repaving	10%	17%
33-1	26-11	Wollington Ave. to Bell Ave., Widening & Repaving	0%	14%
33-1	26-12	Lewis St. to Broad St. Connection, Eatontown	99%	100%
33-1	26-13	Mathis Bridge to Seaside Heights	36%	90%
33-1	26-14	Hilliard to Ship Bottom; Grading & Paving	35%	49%
33-1	26-15	Palmyra Br. Plaza to U.S. Rt. 130; Widng. & Drainage	81%	90%
33-1	26-16	Route 50 to McKee City, Dualization	21%	30%
33-1	26-17	No.-So. Freeway, Black Horse Pike to Turnerville	80%	89%
33-1	26-18	Red Bank Avenue to Cooper Street, Woodbury	76%	76%
33-1	26-19	From Station 22+0 to Route 49, Bridgeton	9%	10%
33-1	26-20	Rt. Hopewell-Longwood Rd. to Rt. 46; Grng., Pavt., Bldg.	77%	77%
33-1	26-21	Howard Blvd. to Rt. 15; Grading, Paving, Bridges	61%	63%
33-1	26-22	Bridge over DL & W Railroad	52%	50%
33-1	26-23	Still Valley to Central R.R. of New Jersey	45%	47%
33-1	26-24	W. & E. Viaduct Crossing of Raritan River	53%	41%
33-1	26-25	Hollywood Avenue to N. J. Turnpike	35%	40%
33-1	26-26	Sta. 118+0 to Sta. 220+0; Beros. Haddon Heights		
33-1	26-27	Barrington & Lawnside, Camden County	92%	94%
33-1	26-28	Flemington Circle to So. Branch Raritan River; Dual.	94%	90%
33-1	26-29	Beechwood Drive to Huyler Road, Dualization	21%	23%
33-1	26-30	Central R.R. of N. J. to Mulhockaway Creek	0%	10%
33-1	26-31	*Bridges over Central R.R. of N.J. and L.V.R.R.		
33-1	26-32	Huyler Road to 700' E. of C.R.R. of N. J.	24%	24%





## MONTHLY DIVISIONAL REPORT

Month of April 19 59

Division: Design &amp; Construction

Bureau: Road Construction

		LOCATION	PERCENTAGE COMPLETED	
			Apr. 1st.	May 1st./59
1-202	4	700' E. of C.R.R. of N.J. to Somerville Traffic Circle	16%	20%
1-203		*Scudders Falls Br. over Delaware River (Contract #1)		
1-204	1	1300' W. of Grandview Ave. to 1000' W. of Helena Ave.	10%	21%
1-205	2	1000' W. of Helena Avenue to Colonial Road	12%	19%
1-206	3	Goffle Road to 1300' W. of Grandview Avenue	12%	22%
		N. J. State Teachers College, Montclair, Contract #2	7%	22%

CONTRACT AWARDED DURING MARCH

Route U.S. 1 & 9 (1953) Section 2 and Route U.S. 1 & 9(1953) Section 1 in the City of Newark. Awarded to Mal-Brook Contracting Company on March 26, 1959.

CONTRACTS AWARDED DURING APRIL

Route 295, Section 1-C, from Browning Lane to Broadway, Grading, Paving and Bituminous Surfacing. Awarded to William N. Young & Company on April 14, 1959.

Route U.S. 30(1953) Section 3-A, Channelized Intersection at Clements Bridge. Awarded to F. A. Canuso & Sons, Inc. on April 22, 1959.

Route 30, Section 1-A, Contract No. 1, from Railroad Avenue to Bush Avenue. Awarded to William N. Young & Company on April 14, 1959.

Route 30, Section 1-B, Contract No. 2, from Bush Avenue to 30th Avenue. Awarded to William N. Young & Company on April 14, 1959.

Route 30, Section 1-C, Contract No. 3, from Queen Anne Road to Teaneck Road. Awarded to William N. Young & Company on April 14, 1959.

Route 100(1953) Section 1, from North Branch of Hudson River to 100th Avenue and from 100th Avenue to 100th Avenue, Paving and Bituminous Surfacing. Awarded to Alexander Construction Company on April 14, 1959.

Route 100(1953) Section 1, from 100th Avenue to 100th Avenue, Paving and Bituminous Surfacing. Awarded to Alexander Construction Company on April 14, 1959.

CONTRACTS AWARDED DURING MAY

Route 42 Freeway, Sections 14B & 15B, Coles Road to Turnerville, Grading, Paving and Bituminous Surfacing. Awarded to Alexander Construction Company on April 14, 1959.

Route 31(1927) U.S. 206(1953), Sections 10-A, Bridge over Beden's Brook. Accepted April 28, 1959.



## MONTHLY DIVISIONAL REPORT

Month of April 1954Division: Design & ConstructionBureau: Design & ConstructionApril 1954

Considerable progress was made in the past month, especially on the projects on U. S. 1. The opening of the revised circle at the intersection of Route 1 and 3 to traffic has eased conditions at this location.

Working for clean-up details and a turnaround, the Manahawick project, Route 72(1953) Route S-40 should be ready for opening by Memorial Day, the target date set by the Department.

Working on the three (3) projects on Route 202 should start early in May.

At the present time, there is no word from the State Highway Department as to whether the State will be able to start the amount of \$1,000,000 in the State Highway Department which represents the total 1954-55 construction program of \$1,000,000,000 of dollars.

Working on the construction field has been stressed and the relief of the State Highway Department has been requested.

*Allen C. Ely*

Allen C. Ely  
Supervising Construction Engineer





MONTHLY DIVISIONAL REPORT

Month of April 1959

Division: State Aid

Bureau:

COUNTIES

Bids received for maintenance materials and work in practically all counties. Maintenance work already under way in some counties.

Items requiring office processing: 39 received, 36 processed.

MUNICIPALITIES

Construction projects carried over from last year have been reopened. Construction and maintenance work has started in a few municipalities. Most municipalities appear ready this year to get an early start on both construction and maintenance projects.

Items requiring office processing: 318 received, 575 processed.

PERSONNEL

Field personnel taking over normal inspection assignments as work season opens.









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